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SEQUENCE LISTING

<110> Allen, Keith D.

<120> TRANSGENIC MICE CONTAINING THYROID
STIMULATING HORMONE RECEPTOR (TSH-R) GENE DISRUPTIONS

<130> R-666

<150> US 60/243,895

<151> 2000-10-26

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Ser Leu Pro Pro Ser Thr Gln Thr Leu Lys Leu Ile Glu Thr His Leu 60
50 55 60
Lys Thr Ile Pro Ser Leu Ala Phe Ser Ser Leu Pro Asn Ile Ser Arg 80
65 70 75 80
Ile Tyr Leu Ser Ile Asp Ala Thr Leu Gln Arg Leu Glu Pro His Ser 95
85 90 95
Phe Tyr Asn Leu Ser Lys Met Thr His Ile Glu Ile Arg Asn Thr Arg 110
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180 185 190
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195 200 205
Lys Asn Lys Tyr Leu Thr Ala Ile Asp Asn Asp Ala Phe Gly Gly Val 220
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275 280 285
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325 330 335
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Tyr Val Phe Phe Glu Glu Gln Glu Asp Glu Val Val Gly Phe Gly Gln 365
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Tyr Tyr Asn His Ala Ile Asp Trp Gln Thr Gly Pro Gly Cys Asn Thr			
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Thr Val Ile Thr Leu Glu Arg Trp Tyr Ala Ile Thr Phe Ala Met Arg			
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Leu Asp Arg Lys Ile Arg Leu Arg His Ala Tyr Thr Ile Met Ala Gly			
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Gly Trp Val Ser Cys Phe Leu Leu Ala Leu Leu Pro Met Val Gly Ile			
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Arg Asn Pro Gln Tyr Asn Pro Arg Asp Lys Asp Thr Lys Ile Ala Lys			
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